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(72) Inventors:
• **Oka, Tohru**
Komaki-shi, Aichi-ken (JP)
• **Nomura, Takashi**
Komaki-shi, Aichi-ken (JP)

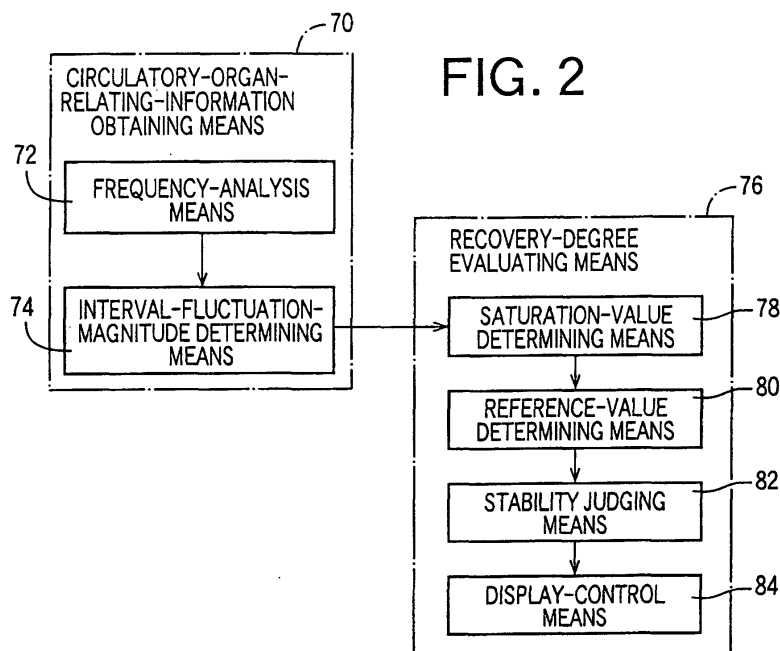
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(74) Representative:
Winter, Brandl, Fűrnis, Hübner, Röss, Kaiser,
Polte Partnerschaft
Patent- und Rechtsanwaltskanzlei
Alois-Steinecker-Strasse 22
85354 Freising (DE)

(54) **Postoperative-condition evaluating apparatus**

(57) An apparatus (8) for evaluating a degree of recovery of a living subject from a surgical operation which the subject has undergone, the apparatus comprising a circulatory-organ-relating-information obtaining means (70) for iteratively obtaining, after the operation, a piece of circulatory-organ-relating information relating to a cir-

culatory organ of the subject, and a recovery-degree evaluating means (76) for evaluating the degree of recovery of the subject, based on at least one piece of circulatory-organ-relating information obtained by the circulatory-organ-relating-information obtaining means.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 10 8728

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 885 589 A (COLIN CORP) 23 December 1998 (1998-12-23)	1,2	A61B5/02
A	* abstract; claims 1,9,12 *	3-12	A61B5/022

X	EP 0 832 601 A (COLIN CORP) 1 April 1998 (1998-04-01)	1	
A	* column 3, line 49 - column 5, line 32; claim 1 *	2-13	

X	EP 0 976 361 A (COLIN CORP) 2 February 2000 (2000-02-02)	3,6	
	* abstract; claim 1 *		

X	US 5 279 303 A (KAWAMURA NORIO ET AL) 18 January 1994 (1994-01-18)	5	
	* column 5, line 2 - column 8, line 20; claim 1 *		

			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A61B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 15 October 2003	Examiner Chopinaud, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 10 8728

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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15-10-2003

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0885589	A	23-12-1998	JP	9173307 A	08-07-1997
			US	5921936 A	13-07-1999
			EP	0885589 A1	23-12-1998

EP 0832601	A	01-04-1998	US	5836887 A	17-11-1998
			EP	0832601 A1	01-04-1998
			DE	69627151 D1	08-05-2003

EP 0976361	A	02-02-2000	JP	8322823 A	10-12-1996
			JP	3229775 B2	19-11-2001
			JP	8322824 A	10-12-1996
			JP	8322825 A	10-12-1996
			EP	0976361 A2	02-02-2000
			DE	69616236 D1	29-11-2001
			DE	69616236 T2	11-07-2002
			EP	0774234 A1	21-05-1997
			WO	9638087 A1	05-12-1996
			US	5964713 A	12-10-1999
			US	5871450 A	16-02-1999

US 5279303	A	18-01-1994	JP	4367648 A	18-12-1992
			DE	4219588 A1	17-12-1992
			FR	2677535 A1	18-12-1992
			GB	2257526 A ,B	13-01-1993
